

Injury Fatalities

2009

MASSACHUSETTS RESIDENTS

- ◆ There were 2,920 injury fatalities among Massachusetts residents in 2009, a rate of 44.3 fatalities per 100,000 residents.

INJURY CAUSE	INJURY INTENT					Total Number	Percent of Total	Crude Rate per 100,000 ²
	Uninten- tional	Intentional		Undeter- mined	Other & Legal ¹			
		Suicide	Homicide					
Cut/pierce	2	13	36	0	0	51	1.7	0.8
Drowning/submersion	38	9	1	17		65	2.2	1.0
Fall	491	17	1	3		512	17.5	7.8
Fire/burn	22	2	3	1		28	1.0	0.4
Firearm	1	89	108	3	6	207	7.1	3.1
Machinery	8					8	0.3	0.1
Natural/environmental	14					14	0.5	0.2
Poisoning/overdose	767	122	2	50	0	941	32.2	14.3
Struck by, against	12	0	3	0	0	15	0.5	0.2
Suffocation/hanging	112	257	10	0		379	13.0	5.7
Transport Injuries:	399	0	1	1	0	401	13.7	6.1
<i>Motor vehicle traffic-related</i>	347	0	1	1	0	349	12.0	5.3
<i>Occupant</i>	35					35	1.2	0.5
<i>Motorcyclist</i>	57					57	2.0	0.9
<i>Pedal cyclist</i>	4					4	0.1	--
<i>Pedestrian</i>	59					59	2.0	0.9
<i>Other person</i>	0					0	0.0	0.0
<i>Unspecified person</i>	192					192	6.6	2.9
<i>Pedal cyclist, other</i>	8					8	0.3	0.1
<i>Pedestrian, other</i>	9					9	0.3	0.1
<i>Other land transport</i>	26					26	0.9	0.4
<i>Other transport</i>	9					9	0.3	0.1
Other specified & classifiable	20	13	1	0	1	35	1.2	0.5
Other specified, not classifiable	15	3	6	5	2	31	1.1	0.5
Unspecified	133	6	8	23	0	170	5.8	2.6
Adverse Effects ³						63	2.2	1.0
TOTAL DEATHS	2,034	531	180	103	9	2,920	100%	44.3
Injury Death Rate by Intent	30.8	8.1	2.7	1.6	0.1	n/a	n/a	n/a

Source: Registry of Vital Records and Statistics, Massachusetts Department of Public Health.

¹ Legal Intervention includes fatalities resulting from police actions and operations of war.

² Rates are per 100,000 residents. Rates provided here are not age-adjusted and may differ slightly from other department publications. Rates are not calculated on counts of less than five. Rates that are based on counts less than twenty may be unstable.

³ Adverse Effects can be related to medical and surgical care procedures, or to the use of therapeutic substances (including allergic reactions).

—An injury-related fatality is defined as any death with an ICD-10 code of U01-U03 or V01-Y89 in the underlying cause field.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data." This framework does not provide for intentionality for certain cause categories as indicated by gray shading.

—Injury subcategories are italicized.

—Analysis is based on a calendar year (Jan 1 - Dec 31, 2009).

—Massachusetts residents who died in or out-of-state are included in this analysis; non-Massachusetts residents are excluded from the analysis.

—Population data used to calculate rates are based on the 2009 Modified Age, Race, and Sex file: MA 2009 population estimate is 6,593,587.

—Beginning in 1999 a new revision of the International Classification of Disease system (ICD-10) was used to code for cause of death. Please note that years prior to 1999 may not be comparable.

—Data were extracted and compiled by the Injury Surveillance Program. MDPH. November 2012